

IDS 4/11/04

PTO/SB/08b (08-03)

Approved for use through 05/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	Continuation of 09/538,165
		Filing Date	
		First Named Inventor	ROTHSCHILD, MAX F.
		Art Unit	1634
Examiner Name	Einsmann, J.		
Sheet	1	of	3
		Attorney Docket Number	P04486US01

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JS	1	Geller, Frank, et al. "Melanocortin-4 Receptor Gene Variant I103 Is Negatively Associated with Obesity" Am. J. Hum. Genet. 74:572-581, 2004	
JS	2	Kim, K.-S., et al. "Functional and Phylogenetic Analyses of a Melanocortin-4 Receptor Mutation in Domestic Pigs" Domestic Animal Endocrinology, 26 (2004) 75-86	

Examiner Signature	<i>JS</i> 9.28.06	Date Considered	
-----------------------	-------------------	--------------------	--

\*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

105

4/1/04

Form PTO/SA08B (10-01)

Approved for use through 10/31/2002. OMB 0551-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		Application Number	09/538,165
		Filing Date	March 30, 2000
		First Named Inventor	ROTHSCHILD, Max F.
		Art Unit	1634
		Examiner Name	Einsmann, J.
Sheet <b>2</b>	of <b>3</b>	Attorney Docket Number	P04486USO

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Nezer C. et al., "An imprinted QLT with major effect on muscle mass and fat deposition maps to the IGF2 locus in pigs", Nature Genetics, Vol. 21, No. 2 (1999-02) pages 155-156 XP002204960	

Examiner Signature	<i>[Signature]</i> 9.28.06	Date Considered	
--------------------	----------------------------	-----------------	--

\*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

SUPPLEMENTAL

Section 2. Form PTO - 1449 (Modified)

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(Modified) PATENT AND TRADEMARK OFFICE  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use several sheets if necessary)  
(37 CFR 1.98(b))

ATTY. DOCKET NO. P04486US0 ISURF 2697	SERIAL NO. 09/538,165
APPLICANT ROTHSCHILD, et al.	
FILING DATE March 30, 2000	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JS	6,614,364	03/25/97	TUGGLE, ET AL	C12Q	1/68	MAY 16, 1994

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLI- CATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
JS	WO 97 23644A	07/03/97	PCT	C12Q	1/68		
JS	WO 97 47316A	12/18/97	PCT	C12Q	1/68		
JS	WO 00/06777	02/10/00	PCT	C12Q	1/68		

OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*\*)

JS	Andersson, L., et al., "Genetic Mapping of quantitative trait loci for growth and fatness in pigs", <i>Science</i> , 263:1771-1774
	Gotoda, T., "Molecular screening of the human melanocortin-r receptor gene: identification of a missense variant showing no association with obesity, plasma glucose, or insulin", <i>Diabetologia</i> 40:976-979 (1997)
	Kim, K-S, "A missense variant of the porcine melanocortin-4 receptor (MC4R) gene is associated with fatness, growth, and feed intake traits", <i>Mammalian Genome</i> , 11:131-136 (2000)
	Unruh, J.A., "The influence of genotype, sex, and dietary lysine on Pork subprimal cut yields and carcass quality of pigs fed to either 104 or 127 kilograms", <i>J. Anim. Sci.</i> 74:1274-1283 (1996)
JS	Wood, J.D., "Animal nutrition and metabolism group symposium on improving meat production for future needs", <i>Proceedings of the Nutrition Society</i> 58:363-370 (1999)

EXAMINER

DATE CONSIDERED

9.28.06

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.